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TRANSMITTAL
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| | | | |
|--|----------|------------------------|-----------------------|
| | | Application Number | 10/015,715 |
| | | Filing Date | December 12, 2001 |
| | | First Named Inventor | Wei-Qiang Gao, et al. |
| | | Group/Art Unit | 1647 |
| | | Examiner Name | Robert Landsman |
| Total Number of Pages in This Submission | 20 pages | Attorney Docket Number | 39780-2830P1C56 |

ENCLOSURES (check all that apply)

| | | |
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| <input type="checkbox"/> Fee Transmittal Form | <input checked="" type="checkbox"/> Request for Corrected Filing Receipt | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Response | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Version with Markings Showing Changes | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <u>Copy of Amendment under 37 C.F.R. §1.48(b) and 37 C.F.R. §1.312 as filed; Copy of the Preliminary Amendment as filed; Copy of the Updated Filing Receipt received; and a Return Receipt Postcard</u> |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Small Entity Statement | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 (ATTORNEY DOCKET NO. 39780-2830P1C56) FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER. | |

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

| | | | |
|-------------------------|---|------------------|-------------|
| Firm or Individual name | Anna L. Barry, Reg. No. 51,436, HELLER EHRMAN WHITE & McAULIFFE LLP | | |
| Signature | | | |
| Date | March 21, 2005 | Customer Number: | 35489/09157 |

CERTIFICATE OF MAILING (37CFR 1.10)

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| | | | |
|---------------------|---------------|------|----------------|
| Typed or print name | Sandra Puljic | | |
| Signature | | Date | March 21, 2005 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Wei-Qiang Gao, et al. Docket No.: 39780-2830P1C56
Serial No.: 10/015,715 Group Art Unit: 1647
Filing Date: December 12, 2001 Examiner: Robert S. Landsman
For: **PRO1340 NUCLEIC ACIDS**

Mail Stop: AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

Attached is a copy of the official filing receipt received from the USPTO in the above application for which issuance of a corrected filing receipt is respectfully requested. The domestic priority data and foreign applications for this application are incorrectly entered.

The correct priority data, as evidenced by the attached copy of the preliminary amendment filed on August 29, 2002, is:

--This application is a continuation of, and claims priority under 35 USC §120 to, US Application 09/946,374 filed 9/4/2001, which is a continuation of, and claims priority under 35 USC §120 to, PCT Application PCT/US00/04342 filed 2/18/2000, which is a continuation-in-part of, and claims priority under 35 USC §120 to, US Application 09/403,297 filed 10/18/1999, now abandoned, which is the National Stage filed under 35 USC §371 of PCT Application PCT/US99/20111 filed 9/1/1999, which claims priority under 35 USC §119 to US Provisional Application 60/101,916 filed 9/24/1998.--

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and addressed to: Mail Stop: AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA on the date indicated below.

Express Mail Label: EV 582 629 244 US

| | | | |
|-----------------------|----------------------|------|----------------|
| Typed or printed name | Sandra Puljic | | |
| Signature | <i>Sandra Puljic</i> | Date | March 21, 2005 |

Also enclosed is Applicants copy of the previously filed Amendment under 37 C.F.R. §1.48(b) which correctly names the inventors in this case. Applicants note that the inventors listed under Applicant(s) **should** read:

Wei-Qiang Gao
Audrey Goddard
Paul J. Godowski
Austin Gurney
William I. Wood

In support, Applicants enclose a copy of the previously filed Amendment under 37 C.F.R. §1.48(b).

Issuance of a Corrected Filing Receipt is respectfully requested.

The correction is not due to any error by applicant and no fee is due. However, in the event that a fee is due, the Commissioner is hereby authorized to charge any such fees to Deposit Account No. 08-1641 (Atty. Docket No. 39780-2830P1C56).

Respectfully submitted,


Anna L. Barry
Reg. No. 51,436

Dated: March 21, 2005

HELLER EHRLMAN WHITE & McAULIFFE LLP

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GNE.2830P1C56
GRD/DKJ

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY.DOCKET.NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|----------------|----------|------------|------------|
| 10/015,715 | 12/12/2001 | 1645 | 740 | GNE.2830P1C56 | 249 | 20 | 3 |

CONFIRMATION NO. 4464

Ginger R. Dreger
 Knobbe Martens Olson & Bear
 Sixteenth Floor
 620 Newport Center Drive
 Newport Beach, CA 92660

UPDATED FILING RECEIPT



OC000000008502859

Date Mailed: 07/24/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kevin P. Baker, Darnestown, MD;
 David Betstein, Belmont, CA;
 Luc Desnoyers, San Francisco, CA;
 Dan L. Eaton, San Rafael, CA;
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 Paul J. Godowski, Hillsborough, CA;
 Christopher Grimaldi, San Francisco, CA;
 Austin L. Gurney, Belmont, CA;
 Kenneth J. Hillan, San Francisco, CA;
 James Pan, Belmont, CA;
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 Victoria Smith, Burlingame, CA;
 Timothy A. Stewart, San Francisco, CA;
 Daniel Tumas, Orinda, CA;
 Colin K. Watanebe, Moraga, CA;
 Mickey Williams, Half Moon Bay, CA;
 William I. Wood, Hillsborough, CA;

Assignment For Published Patent Application

Genentech, Inc.;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CON OF 09/946,374 09/04/2001
AND CLAIMS BENEFIT OF 60/098,716 09/01/1998
AND CLAIMS BENEFIT OF 60/098,723 09/01/1998
AND CLAIMS BENEFIT OF 60/098,749 09/01/1998
AND CLAIMS BENEFIT OF 60/098,750 09/01/1998
AND CLAIMS BENEFIT OF 60/098,803 09/02/1998
AND CLAIMS BENEFIT OF 60/098,821 09/02/1998
AND CLAIMS BENEFIT OF 60/098,843 09/02/1998
AND CLAIMS BENEFIT OF 60/099,536 09/09/1998
AND CLAIMS BENEFIT OF 60/099,596 09/09/1998
AND CLAIMS BENEFIT OF 60/099,598 09/09/1998
AND CLAIMS BENEFIT OF 60/099,602 09/09/1998
AND CLAIMS BENEFIT OF 60/099,642 09/09/1998
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AND CLAIMS BENEFIT OF 60/099,754 09/10/1998
AND CLAIMS BENEFIT OF 60/099,763 09/10/1998
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AND CLAIMS BENEFIT OF 60/101,738 09/24/1998
AND CLAIMS BENEFIT OF 60/101,741 09/24/1998
THIS APPLICATION 10/015,715
CLAIMS BENEFIT OF 60/101,743 09/24/1998
AND CLAIMS BENEFIT OF 60/101,915 09/24/1998
AND CLAIMS BENEFIT OF 60/101,916 09/24/1998
AND CLAIMS BENEFIT OF 60/102,207 09/29/1998
AND CLAIMS BENEFIT OF 60/102,240 09/29/1998
AND CLAIMS BENEFIT OF 60/102,307 09/29/1998
AND CLAIMS BENEFIT OF 60/102,330 09/29/1998
AND CLAIMS BENEFIT OF 60/102,331 09/29/1998
AND CLAIMS BENEFIT OF 60/102,484 09/30/1998

SEE PRELIMINARY
AMENDMENT FILED
8/29/2002 ; ENCLOSED

AND CLAIMS BENEFIT OF 60/102,487 09/30/1998
AND CLAIMS BENEFIT OF 60/102,570 09/30/1998
AND CLAIMS BENEFIT OF 60/102,571 09/30/1998
AND CLAIMS BENEFIT OF 60/102,684 10/01/1998
AND CLAIMS BENEFIT OF 60/102,687 10/01/1998
AND CLAIMS BENEFIT OF 60/102,965 10/02/1998
AND CLAIMS BENEFIT OF 60/103,258 10/06/1998
AND CLAIMS BENEFIT OF 60/103,314 10/07/1998
AND CLAIMS BENEFIT OF 60/103,315 10/07/1998
AND CLAIMS BENEFIT OF 60/103,328 10/07/1998
AND CLAIMS BENEFIT OF 60/103,395 10/07/1998
AND CLAIMS BENEFIT OF 60/103,396 10/07/1998
AND CLAIMS BENEFIT OF 60/103,401 10/07/1998
AND CLAIMS BENEFIT OF 60/103,449 10/06/1998
AND CLAIMS BENEFIT OF 60/103,633 10/08/1998
AND CLAIMS BENEFIT OF 60/103,678 10/08/1998
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AND CLAIMS BENEFIT OF 60/103,711 10/08/1998
AND CLAIMS BENEFIT OF 60/104,257 10/14/1998
AND CLAIMS BENEFIT OF 60/104,967 10/20/1998
AND CLAIMS BENEFIT OF 60/105,000 10/20/1998
AND CLAIMS BENEFIT OF 60/105,002 10/20/1998
AND CLAIMS BENEFIT OF 60/105,104 10/21/1998
AND CLAIMS BENEFIT OF 60/105,169 10/22/1998
AND CLAIMS BENEFIT OF 60/105,266 10/22/1998
AND CLAIMS BENEFIT OF 60/105,693 10/26/1998
AND CLAIMS BENEFIT OF 60/105,694 10/26/1998
AND CLAIMS BENEFIT OF 60/105,807 10/27/1998
AND CLAIMS BENEFIT OF 60/105,881 10/27/1998
AND CLAIMS BENEFIT OF 60/105,882 10/27/1998
AND CLAIMS BENEFIT OF 60/106,023 10/28/1998
AND CLAIMS BENEFIT OF 60/106,029 10/28/1998
AND CLAIMS BENEFIT OF 60/106,030 10/28/1998
AND CLAIMS BENEFIT OF 60/106,032 10/28/1998
AND CLAIMS BENEFIT OF 60/106,033 10/28/1998
AND CLAIMS BENEFIT OF 60/106,062 10/27/1998
AND CLAIMS BENEFIT OF 60/106,178 10/28/1998
AND CLAIMS BENEFIT OF 60/106,248 10/29/1998
AND CLAIMS BENEFIT OF 60/106,384 10/29/1998
AND CLAIMS BENEFIT OF 60/106,500 10/29/1998
AND CLAIMS BENEFIT OF 60/106,464 10/30/1998
THIS APPLICATION 10/015,715
CLAIMS BENEFIT OF 60/106,856 11/03/1998
AND CLAIMS BENEFIT OF 60/106,902 11/03/1998
AND CLAIMS BENEFIT OF 60/106,905 11/03/1998
AND CLAIMS BENEFIT OF 60/106,919 11/03/1998
AND CLAIMS BENEFIT OF 60/106,932 11/03/1998
AND CLAIMS BENEFIT OF 60/106,934 11/03/1998
AND CLAIMS BENEFIT OF 60/107,783 11/10/1998
AND CLAIMS BENEFIT OF 60/108,775 11/17/1998
AND CLAIMS BENEFIT OF 60/108,779 11/17/1998
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AND CLAIMS BENEFIT OF 60/108,801 11/17/1998
AND CLAIMS BENEFIT OF 60/108,802 11/17/1998
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AND CLAIMS BENEFIT OF 60/108,852 11/18/1998
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AND CLAIMS BENEFIT OF 60/108,867 11/17/1998
AND CLAIMS BENEFIT OF 60/108,904 11/18/1998
AND CLAIMS BENEFIT OF 60/108,925 11/17/1998
AND CLAIMS BENEFIT OF 60/113,296 12/22/1998
AND CLAIMS BENEFIT OF 60/114,223 12/30/1998
AND CLAIMS BENEFIT OF 60/129,674 04/16/1999
AND CLAIMS BENEFIT OF 60/141,037 06/23/1999
AND CLAIMS BENEFIT OF 60/144,758 07/20/1999
AND CLAIMS BENEFIT OF 60/145,698 07/26/1999
AND CLAIMS BENEFIT OF 60/162,506 10/29/1999~~

Foreign Applications

~~PCT/US99/00106 01/05/1999
PCT/US99/20111 09/01/1999
PCT/US99/21194 09/15/1999
PCT/US99/28313 11/30/1999
PCT/US99/28551 12/02/1999
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PCT/US00/04342 02/18/2000
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PCT/US01/17800 06/01/2001
PCT/US01/19692 06/20/2001
PCT/US01/21066 06/29/2001
PCT/US01/21735 07/09/2001~~

If Required, Foreign Filing License Granted 03/20/2002

Projected Publication Date: 10/31/2002

Non-Publication Request: No

Early Publication Request: No

Title

Secreted and transmembrane polypeptides and nucleic acids encoding the same

Preliminary Class

435

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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Patent Docket P2830P1C56

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|--|
| In re Application of: Kevin P. Baker et al. Serial No.: 10/015715 Filed: 12/12/2001 | Group Art Unit: Not yet assigned Examiner: Not yet assigned |
| <p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on</p> <p>August 29, 2002 <i>Patricia Terrill</i> Patricia Terrill</p> | |

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to substantive examination of the above captioned patent application, Applicants respectfully request that the following amendments be entered.

In the specification:

Please delete the paragraph at page 1, line 2, that was previously added by preliminary amendment.

Please insert the following new paragraph at page 1, line 2:

--RELATED APPLICATIONS

This application is a continuation of, and claims priority under 35 USC §120 to, US Application 09/946374 filed 9/4/2001, which is a continuation of, and claims priority under 35 USC §120 to, PCT Application PCT/US00/04342 filed 2/18/2000, which is a continuation-in-part of, and claims priority under 35 USC §120 to, US Application 09/403297 filed 10/18/1999, now abandoned, which is the

Patent Docket: P2830P1C56

Serial No.: 10/015715

Filed: 12/12/2001

National Stage filed under 35 USC §371 of PCT Application PCT/US99/20111 filed 9/1/1999, which claims priority under 35 USC §119 to US Provisional Application 60/101916 filed 9/24/1998.--

Patent Docket: P2830P1C56

Serial No.: 10/015715

Filed: 12/12/2001

REMARKS

The paragraph at page 1, line 2 that had been added by a previous preliminary amendment has been deleted. A new paragraph beginning at page 1, line 2 has been added to replace the deleted paragraph. The new paragraph lists the documents to which priority is claimed for the instant application. Applicants respectfully request entry of this paragraph for prosecution in this application. The Examiner is invited to contact the undersigned at (650) 225-4563 if any issues may be resolved in that manner.

Respectfully submitted,

GENENTECH, INC.

Date: August 29, 2002

By: Elizabeth M. Barnes
Elizabeth M. Barnes, Ph. D.
Reg. No. 35,059
Telephone: (650) 225-4563



09157

PATENT TRADEMARK OFFICE

Patent Docket: P2830P1C56

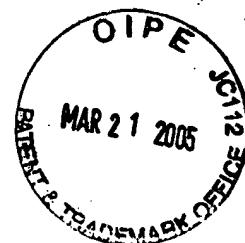
Serial No.: 10/015715

Filed: 12/12/2001

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the specification:

The paragraph at page 1, line 2 that had been added by a previous preliminary amendment has been deleted. A new paragraph beginning at page 1, line 2 has been added to replace the deleted paragraph.



In Re Application of: Kevin P. Baker et al.

Serial No: 10/015,715

Docket No: P2830P1C56

Filed on: December 12, 2001

By: Elizabeth M. Barnes

Mailed on: August 29, 2002

Reg. No.: 35,059

The following has been received by the U.S. Patent Office on the date stamped.

Preliminary Amendment
 Post card





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kevin P. BAKER, et al.

Application Serial No. 10/015,715

Filed: December 12, 2001

For: PRO1340 NUCLEIC ACIDS

) Examiner: Landsman, Robert S.
)
)
) Art Unit: 1647
)
)
) Confirmation No: 4464
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)
) Attorney's Docket No. 39780-2830 P1C56
)
)
) Customer No. 35489

EXPRESS MAIL LABEL NO. EL 993 636 936 US

DATE MAILED: MARCH 7, 2005

AMENDMENT UNDER 37 C.F.R. §1.48(b) AND 37 C.F.R. §1.312

MAIL STOP AF

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Dear Sir:

Please enter the following amendments, and consider the following arguments.

Amendment to the Claims begin on page 2.

Remarks begin on page 6.

Amendments to the Claims:

1-27. (canceled)

28. (previously presented) An isolated nucleic acid encoding a polypeptide having at least 80% sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:229;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO:229, lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the nucleic acid sequence of SEQ ID NO:228; or
- (d) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203268,
wherein the encoded polypeptide promotes proliferation of inner ear supporting cells.

29. (previously presented) The isolated nucleic acid of Claim 28 encoding a polypeptide having at least 85% sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:229;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO:229, lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the nucleic acid sequence of SEQ ID NO:228; or
- (d) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203268,
wherein the encoded polypeptide promotes proliferation of inner ear supporting cells.

30. (previously presented) The isolated nucleic acid of Claim 28 encoding a polypeptide having at least 90% sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:229;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO:229, lacking its associated signal peptide;

- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the nucleic acid sequence of SEQ ID NO:228; or
- (d) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203268,
wherein the encoded polypeptide promotes proliferation of inner ear supporting cells.

31. (previously presented) The isolated nucleic acid of Claim 28 encoding a polypeptide having at least 95% sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:229;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO:229, lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the nucleic acid sequence of SEQ ID NO:228; or
- (d) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203268,
wherein the encoded polypeptide promotes proliferation of inner ear supporting cells.

32. (previously presented) The isolated nucleic acid of Claim 28 encoding a polypeptide having at least 99% sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:229;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO:229, lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the nucleic acid sequence of SEQ ID NO:228; or
- (d) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203268,
wherein the encoded polypeptide promotes proliferation of inner ear supporting cells.

33. (currently amended) An isolated nucleic acid comprising:

- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO:229;
- (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO:229, lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO:229;
- (d) the nucleic acid sequence of SEQ ID NO:228;
- (e) the full-length coding sequence of the nucleic acid sequence of SEQ ID NO:228;

or

[[e]] (f) the full-length coding sequence of the cDNA deposited under ATCC accession number 203268.

34. (previously presented) The isolated nucleic acid of Claim 33 comprising a nucleic acid sequence encoding the polypeptide of SEQ ID NO:229.

35. (previously presented) The isolated nucleic acid of Claim 33 comprising a nucleic acid sequence encoding the polypeptide of SEQ ID NO:229, lacking its associated signal peptide.

36. (previously presented) The isolated nucleic acid of Claim 33 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO:229.

37. (canceled)

38. (previously presented) The isolated nucleic acid of Claim 33 comprising the nucleic acid sequence of SEQ ID NO:228.

39. (previously presented) The isolated nucleic acid of Claim 33 comprising the full-length coding sequence of the nucleic acid sequence of SEQ ID NO:228.

40. (previously presented) The isolated nucleic acid of Claim 33 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 203268.

41. (canceled)
42. (canceled)
43. (canceled)
44. (previously presented) A vector comprising the nucleic acid of Claim 28.
45. (previously presented) The vector of Claim 44, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.
46. (previously presented) An isolated host cell comprising the vector of Claim 44.
47. (previously presented) The isolated host cell of Claim 46, wherein said cell is a CHO cell, an *E. coli* or a yeast cell.

REMARKS

Claims 28-36, 38-40 and 44-47 stand allowed in this application. With this amendment, letter (e) has been replaced with letter (f) in order to remove duplication in numbering within Claim 33 and to improve the clarity of the claim. No new matter is added by way of the claim amendment.

Applicants respectfully request entry of the claim amendment.

INVENTORSHIP

In the above identified application, a Notice of Allowance was mailed on December 30, 2004, but an issue fee has not bee paid. Having reviewed the allowed claims, Applicants have found that as a result of claim amendments made during prosecution, fewer than all of the currently named inventors are the actual inventors of the invention being claimed in the present application. Accordingly, please delete the names of the following inventors, who have not made an inventive contribution to the currently claimed subject matter:

| | |
|--------------------------------|---------------------------|
| Kevin P. Baker | David Botstein |
| Luc Desnoyers | Dan L. Eaton |
| Napoleone Ferrara | Sherman Fong |
| J. Christopher Grimaldi | Kenneth J. Hillan |
| James Pan | Nicholas F. Paoni |
| Margaret Ann Roy | Victoria Smith |
| Timothy A. Stewart | Daniel Tumas |
| Colin K. Watanabe | P. Mickey Williams |

Upon entering the present amendment, Wei-Qiang Gao, Audrey Goddard, Paul J. Godowski, Austin Gurney and William I. Wood remain named inventors in this case.

Please charge the fee of \$130.00 and/or any fees that might become applicable, including any fees for extension of time, or credit overpayment to Deposit Account No. 08-1641, referencing Attorney's Docket No. 39780-2830 P1C56. Please direct any calls in connection with this application to the undersigned at the number provided below.

Respectfully submitted,

Date: March 7, 2005

By: 
Anna L. Barry (Reg. No. 51,436)

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